

2018 Current Fiscal Year Report: Advisory Committee for Education and Human Resources

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1. Department or Agency		2. Fiscal Year	
National Science Foundation		2018	
3. Committee or Subcommittee		3b. GSA Committee No.	
Advisory Committee for Education and Human Resources		1119	
4. Is this New During Fiscal Year?	5. Current Charter	6. Expected Renewal Date	7. Expected Term Date
No	06/30/2017	06/30/2019	
8a. Was Terminated During Fiscal Year?	8b. Specific Termination Authority	8c. Actual Term Date	
No			
9. Agency Recommendation for Next Fiscal Year	10a. Legislation Req to Terminate?	10b. Legislation Pending?	
Continue	No	Not Applicable	
11. Establishment Authority	Agency Authority		
12. Specific Establishment Authority	13. Effective Date	14. Committee Type	14c. Presidential?
ADM IV-100	03/05/1984	Continuing	No
15. Description of Committee	Scientific Technical Program Advisory Board		
16a. Total Number of Reports	No Reports for this Fiscal Year		
17a. Open	17b. Closed	17c. Partially Closed	17d. Total
2	0	0	2

Meetings and Dates

Purpose	Start	End
To provide advice and recommendations on policies, programs, activities, and long-range planning.	11/30/2017	12/01/2017
To provide advice and recommendations on policies, programs, activities, and long-range planning.	05/31/2018	06/01/2018

Number of Committee Meetings Listed: 2

	Current FY	Next FY
18a(1). Personnel Pmts to Non-Federal Members	\$38,400.00	\$42,000.00
18a(2). Personnel Pmts to Federal Members	\$0.00	\$0.00
18a(3). Personnel Pmts to Federal Staff	\$75,899.28	\$75,899.00
18a(4). Personnel Pmts to Non-Member Consultants	\$1,254.00	\$3,000.00
18b(1). Travel and Per Diem to Non-Federal Members	\$11,657.00	\$15,000.00
18b(2). Travel and Per Diem to Federal Members	\$0.00	\$0.00
18b(3). Travel and Per Diem to Federal Staff	\$0.00	\$0.00
18b(4). Travel and Per Diem to Non-member Consultants	\$1,128.64	\$1,500.00
18c. Other(rents,user charges, graphics, printing, mail, etc.)	\$11,144.29	\$12,000.00

18d. Total	\$139,483.21	\$149,399.00
19. Federal Staff Support Years (FTE)	0.47	0.50

20a. How does the Committee accomplish its purpose?

The advisory committee members are given extensive reviews of the directorate's programs and special activities, including reports on education research, planning and policy, evaluation and oversight, and communication and indicators. The full Advisory Committee receives reviews of and reports on NSF science, technology, engineering, and mathematics (STEM) education programs, including evaluation and dissemination activities, required reports to the Congress, fellowship and traineeship programs, international student assessments, undergraduate STEM education, STEM teacher education, planning of educational conferences, and general overviews of the precollege, undergraduate and graduate program activities. The committee provides advice and counsel concerning long-term strategic planning including, though not limited to, the organization and possible reorganization of the EHR Directorate, integration of research and education, programmatic focus, strategic priorities, partnership, and investments in STEM learning and learning environments, broadening participation, and STEM professional workforce.

20b. How does the Committee balance its membership?

Membership consists of leaders from higher education, the science, engineering, and education professoriate, private foundations, and state-wide education and policy-making communities. Members include: research scientists, mathematicians, and engineers of international stature; educational leaders in the private and public sectors; key academic, industrial, and state-level education administrators; and administrators from major school systems, liberal arts colleges, comprehensive universities and research universities. Characteristically, all exemplify a strong commitment to excellence in STEM education. Ethnic and gender diversity ensure a wide variety of views being expressed and result in a broad and balanced perspective for the generation of recommendations.

20c. How frequent and relevant are the Committee Meetings?

Two meetings of the full committee are held each year at approximately six-month intervals. Meeting agendas include discussion of STEM education policy issues of national importance, review of NSF programs and their effectiveness (including approval of Reports from Committee of Visitors). Bi-annual meetings are required to provide regular advice and counsel on NSF education programs and to ensure currency and relevance of strategies for improving science, mathematics and engineering education.

20d. Why can't the advice or information this committee provides be obtained

elsewhere?

For sensitive and effective medium-and long-range planning and management of its diverse programs, EHR needs broad and general advice from a continuing body of interested and well-informed persons knowledgeable of both NSF's education programs and the constituencies they are designed to serve. For those purposes, EHR has one and only one directorate-level advisory body. It is the only body providing to the Assistant Director of EHR and staff the broad general advice from the informed public that the directorate needs. No other group or combination of groups is available to fill this role.

20e. Why is it necessary to close and/or partially closed committee meetings?

N/A

21. Remarks

N/A

Designated Federal Officer

Karen Marrongelle Assistant Director for Education and Human Resources

Committee Members	Start	End	Occupation	Member Designation
Alberts, Bruce	01/01/2016	12/31/2018	University of California-San Francisco	Special Government Employee (SGE) Member
Bass, Hyman	12/02/2015	12/31/2018	University of Michigan	Special Government Employee (SGE) Member
Beilock, Sian	03/01/2016	12/31/2019	Barnard College	Special Government Employee (SGE) Member
Boylan, Elizabeth	12/02/2015	12/31/2018	Alfred P. Sloan Foundation	Special Government Employee (SGE) Member
Bruer, John	03/02/2015	12/31/2018	James S. McDonnell Foundation	Special Government Employee (SGE) Member
Casserty, Catherine	11/05/2014	12/31/2020	Independent	Special Government Employee (SGE) Member
Castillo-Chavez, Carlos	01/01/2016	12/31/2019	Arizona State University	Special Government Employee (SGE) Member
Chaudhry, Muhammed	03/01/2013	12/31/2019	Silicon Valley Education Foundation	Special Government Employee (SGE) Member
Cooper, Rory	11/05/2014	12/31/2020	University of Pittsburgh	Regular Government Employee (RGE) Member
Honey, Margaret	03/01/2013	12/31/2019	New York Hall of Science	Special Government Employee (SGE) Member
Lee, Okhee	01/01/2016	12/31/2019	New York University	Special Government Employee (SGE) Member
Monk, David	01/01/2016	12/31/2019	The Pennsylvania State University	Special Government Employee (SGE) Member
Pea, Roy	01/01/2016	12/31/2018	Stanford University	Special Government Employee (SGE) Member
Perez, Debra Joy	11/02/2015	12/02/2018	Gordon and Betty Moore Foundation	Special Government Employee (SGE) Member
Rodriguez, Francisco	01/01/2016	12/31/2018	Los Angeles Community College District	Special Government Employee (SGE) Member
Spillane, James	01/01/2016	12/31/2019	Northwestern University	Special Government Employee (SGE) Member

Strutchens, Marilyn	01/01/2016 12/31/2019 Auburn University	Special Government Employee (SGE) Member
Vermillion, Laurel	01/01/2016 12/31/2019 Sitting Bull College	Special Government Employee (SGE) Member
Wu, Lilian	03/01/2013 12/31/2019 IBM Corporation	Special Government Employee (SGE) Member

Number of Committee Members Listed: 19

Narrative Description

The NSF mission is set out in the NSF Act of 1950 and it authorizes and directs the agency to initiate and support basic science and engineering research and education activities. The EHR Advisory Committee members support the agency's mission by providing expert advice and counsel on issues and topics related to S&E education at all grade levels and in all settings.

What are the most significant program outcomes associated with this committee?

Checked if Applies

Improvements to health or safety	<input type="checkbox"/>
Trust in government	<input type="checkbox"/>
Major policy changes	<input type="checkbox"/>
Advance in scientific research	<input checked="" type="checkbox"/>
Effective grant making	<input checked="" type="checkbox"/>
Improved service delivery	<input type="checkbox"/>
Increased customer satisfaction	<input type="checkbox"/>
Implementation of laws or regulatory requirements	<input type="checkbox"/>
Other	<input type="checkbox"/>

Outcome Comments

NA

What are the cost savings associated with this committee?

Checked if Applies

None	<input type="checkbox"/>
Unable to Determine	<input checked="" type="checkbox"/>
Under \$100,000	<input type="checkbox"/>
\$100,000 - \$500,000	<input type="checkbox"/>
\$500,001 - \$1,000,000	<input type="checkbox"/>
\$1,000,001 - \$5,000,000	<input type="checkbox"/>
\$5,000,001 - \$10,000,000	<input type="checkbox"/>
Over \$10,000,000	<input type="checkbox"/>

Cost Savings Comments

NA

What is the approximate Number of recommendations produced by this committee for the life of the committee?

91

Number of Recommendations Comments

The recommendations noted above reflect committee acceptance of Committee of Visitor reports (evaluation documents for individual programs) and AC Reports from 2000 to 2018.

What is the approximate Percentage of these recommendations that have been or will be Fully implemented by the agency?

100%

% of Recommendations Fully Implemented Comments

All recommendations are considered by the agency.

What is the approximate Percentage of these recommendations that have been or will be Partially implemented by the agency?

0%

% of Recommendations Partially Implemented Comments

Not applicable. See answer above.

Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?

Yes ☒ No ☐ Not Applicable ☐

Agency Feedback Comments

The Chair of the Advisory Committee (and sitting members when appropriate) meet periodically with NSF senior leadership to discuss topics and issues of importance, and the committee receives feedback from NSF leadership on its suggestions and recommendations.

What other actions has the agency taken as a result of the committee's advice or recommendation?

Checked if Applies

- | | |
|-----------------------------------|-------------------------------------|
| Reorganized Priorities | <input checked="" type="checkbox"/> |
| Reallocated resources | <input type="checkbox"/> |
| Issued new regulation | <input type="checkbox"/> |
| Proposed legislation | <input type="checkbox"/> |
| Approved grants or other payments | <input type="checkbox"/> |
| Other | <input type="checkbox"/> |

Action Comments

The committee has no formal role in allocating or distributing agency resources, nor in issuing regulations, approving grants or payments, or proposing legislation.

Is the Committee engaged in the review of applications for grants?

No

Grant Review Comments

NA

How is access provided to the information for the Committee's documentation?

Checked if Applies

- | | |
|---------------------------|-------------------------------------|
| Contact DFO | <input checked="" type="checkbox"/> |
| Online Agency Web Site | <input type="checkbox"/> |
| Online Committee Web Site | <input type="checkbox"/> |
| Online GSA FACA Web Site | <input type="checkbox"/> |
| Publications | <input type="checkbox"/> |
| Other | <input type="checkbox"/> |

Access Comments

N/A